

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for ALPHA-CADINENE

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Alpinia officinarum</i>	Rhizome	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Anethum graveolens</i>	Leaf	1	3	-0.4224867804418495	--
<i>Artemisia annua</i>	Plant	--	--		Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY,NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
<i>Callicarpa americana</i>	Leaf	--	0.55	-0.42938998655802657	--
<i>Chamaemelum nobile</i>	Plant	--	--		--
<i>Elsholtzia polystachya</i>	Leaf	30	30	-0.3464106314064283	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from <i>Elsholtzia polystachya</i> from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
<i>Elsholtzia polystachya</i>	Leaf	--	30	-0.3464106314064283	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from <i>Elsholtzia polystachya</i> from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
<i>Humulus lupulus</i>	Fruit	10	10		--
<i>Hyssopus officinalis</i>	Plant	--	--		--
<i>Laurus nobilis</i>	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula x intermedia</i>	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Melissa officinalis</i>	Shoot	0.1	0.1	-0.4953081155688618	Deutsche Apot. Zit. 129(4):155-163. W. Schulze et al. Die Melisse.
<i>Mentha x piperita</i>	Essential Oil	--	--		--
<i>Myroxylon balsamum</i>	Plant	--	--		--
<i>Ocimum basilicum</i>	Plant	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Pimenta dioica</i>	Plant	--	--		--
<i>Pimenta racemosa</i>	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pinus sylvestris</i>	Wood	--	--		--
<i>Pinus sylvestris</i>	Leaf Essent. Oil	--	--		--
<i>Pinus wallichiana</i>	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Plectranthus incanus</i>	Shoot	40	40	1.9999941333197229	Shah, G.C., Bhandari, R. & Mathela, C.S. 1992. 1,2-Epoxy-p-Mentane Derivatives from some Labiateae Species. J. Ess. Oil Res. 4: 57-59.
<i>Rheum palmatum</i>	Rhizome	--	0.5		--
<i>Syzygium aromaticum</i>	Flower	--	--		--
<i>Syzygium aromaticum</i>	Fruit	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Tagetes lucida</i>	Shoot	--	--		Bicchi, C., Fresia, M., Rubiolo, P., Monti, D., Franz, C., Goehler, I. 1997. Constituents of <i>Tagetes lucida</i> Cav. ssp. <i>lucida</i> essential oil. Flavor & Fragrance, 12(1): 47-52.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Teucrium cyprium</i>	Leaf	1090	1090	2.640282627021219	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Teucrium divaricatum</i>	Leaf	0	0	-0.43093968589022963	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Teucrium kotschyanaum</i>	Leaf	70	70	-0.23370522542802652	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Teucrium micropodioides</i>	Leaf	0	0	-0.43093968589022963	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Thymus longicaulis</i>	Shoot	0	0	-0.5015620059169534	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. <i>J. Ess. Oil Res.</i> 5: 291-5.
<i>Thymus longicaulis</i>	Shoot	--	0	-0.5015620059169534	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. <i>J. Ess. Oil Res.</i> 5: 291-5.
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<i>Zingiber officinale</i>	Rhizome	--	--		--
<i>Zingiber officinale</i>	Rhizome Essent. Oil	--	--		--